

ABSTRACTImprovements to Showerheads

5 A showerhead for substrate processing including a gas inlet leading to a gas
reservoir. A faceplate including a plurality of orifices is fitted between the
reservoir and a processing space. The showerhead further includes a sheet
including a plurality of orifices, the sheet orifices being smaller in size than the
minimum diameter of the faceplate orifices. The sheet is fitted in or on the
showerhead such that the fluid passes to the process space from the reservoir
10 via the sheet orifices.